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**PRACTICE LIMITED TO PATENTS, TRADEMARKS,  
AND  
U.S. AND FOREIGN INTELLECTUAL PROPERTY MATTERS**  
February 5, 2004

**TEL: 214-228-3641**  
**FAX: 972-608-2947**

**Via Express Mail: ER 626305244 US**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: Utility Patent Application For:  
**Socket Grid Array**  
Attorney Docket: TI-37020

Dear Sir:

Enclosed for filing please find the following items relating to the above-identified patent application:

- (1) Utility Patent Application Transmittal;
- (2) Specification;
- (3) 3 Sheets of Formal Drawings;
- (4) Fee Authorization/Transmittal Form;
- (5) Declaration and Power of Attorney;
- (6) Assignment and Recordation Cover Sheet; and
- (7) Postcards (2).

Please charge **Deposit Account No. 20-0668** in the amount of the total fees set forth. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to **Deposit Account No. 20-0668**.

  
\_\_\_\_\_  
Michael T. Konczal  
Registration No. 45,475

Please type a plus sign (+) inside this box Approved for use through 10/31/2002. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

TI-37020

First Inventor

Kenneth George Hodson

Title

Socket Grid Array

Express Mail Label No.

ER 626305244 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

**ADDRESS TO:**Mail Stop Patent Application  
P.O. Box 1450  
Alexandria, VA 22313-14501. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.3. ☒ Specification [ Total Pages **16** ]  
(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [ Total **3** ]  
Sheets5. Oath or Declaration [ Total **1** ]  
Pages

- a. ☒ Newly Executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)

i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.767. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)a. ☐ Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R (2 copies); orii. ☐ paperc. ☐ Statements verifying identity of above copies**ACCOMPANYING APPLICATION PARTS**9. ☒ Assignment Papers (cover sheet & documents(s))10. ☐ 37 CFR 3.73(b) Statement [ ☒ Power of  
(when there is an assignee) Attorney11. ☐ English Translation Document (if applicable)12. ☐ Information Disclosure [ ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations13. ☐ Preliminary Amendment14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)16. ☐ Request and Certification under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.17. ☐ Other:18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:☐ Continuation☐ Divisional☐ Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_ / \_\_\_\_\_

Prior application information:

Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a  
part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a  
portion has been inadvertently omitted from the submitted application parts.**19. CORRESPONDENCE ADDRESS**

Customer Number or Bar Code Label

**23494**

(Insert Customer No. or Attach bar code label here)



Correspondence address below

NAME

Texas Instruments Incorporated

ADDRESS

CITY

STATE

ZIP CODE

COUNTRY

TELEPHONE

W. Daniel Swayze 972-917-  
4371

FAX

(972)917-4418

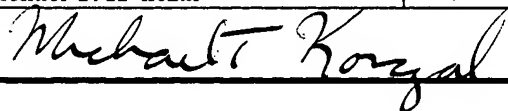
Name (Print/Type)

Michael T. K nczal

Registration No. (Attorney/Agent)

45,475

Signature



Date

02/05/04

DATE:

PTO/SB/17(11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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020504

05909 U.S. PTO

**FEE TRANSMITTAL  
for FY 2004****Complete If Known**

Application Number	
Filing Date	
First Named Inventor	Kenneth George Hodson
Examiner Name	
Group Art Unit	
Attorney Docket No.	TI-37020

TOTAL AMOUNT OF PAYMENT \$ 882

**METHOD OF PAYMENT**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number

20-0668

Deposit  
Account  
Name

Texas Instruments Incorporated

- ☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17

- ☐ Applicant claims small entity status.  
See 37 CFR 1.27

2. ☐ **Payment Enclosed:**

☐ Check ☐ Credit card ☐ Money Order ☐ Other

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
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1051	130	2051	65	Surcharge - late filing fee of oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	

1053	130	N/A	130	Non-English specification	
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1812	2,520	N/A	2,520	For filing a request for <i>ex parte</i> reexamination	
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1804	920*	N/A	920*	Requesting publication of SIR prior to Examiner action	
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1805	1,840*	N/A	1,840*	Requesting publication of SIR after Examiner action	
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1251	110	2251	55	Extension for reply within first month	
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1252	420	2252	210	Extension for reply within second month	
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1253	950	2253	475	Extension for reply within third month	
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1254	1,480	2254	740	Extension for reply within fourth month	
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1255	2,010	2255	1,005	Extension for reply within fifth month	
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1401	330	2401	165	Notice of Appeal	
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1402	330	2402	165	Filing a brief in support of an appeal	
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1403	290	2403	145	Request for oral hearing	
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1451	1,510	N/A	1,510	Petition to institute a public use proceeding	
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1452	110	2452	55	Petition to revive - unavoidable	
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1453	1,330	2453	665	Petition to revive - unintentional	
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1501	1,330	2501	665	Utility issue fee (or reissue)	
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1502	480	2502	240	Design issue fee	
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1503	640	2503	320	Plant issue fee	
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1460	130	N/A	130	Petitions to the Commissioner	
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1807	50	N/A	50	Processing fee for provisional applications	
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1806	180	N/A	180	Submission of information Disclosure Stmt	
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8021	40	N/A	40	Recording each patent assignment per property (times number of properties)	40
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1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
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1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
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1801	770	2801	385	Request for Continued Examination (RCE)	
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1802	900	N/A	900	Request for expedited examination of a design application	
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Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) \$ 40****FEE CALCULATION****1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	\$770
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
<b>SUBTOTAL (1)</b>					<b>\$ 770</b>

**2. EXTRA CLAIM FEES**

Extra Claims		Fee from below		Fee Paid	
Total Claims	24	-20** =	4	X	72
Independent Claims	3	-3** =	0	X	0
Multiple Dependent			0	=	0

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) \$ 72**

\*\*or number previously paid, if greater; For Reissue, see above

**SUBMITTED BY**

Name (Print/Type)

Michael T. Konczal

Registration  
No.  
Attorney/Agent

45,475

**Complete (if applicable)**

Telephone

214-228-3641

Signature

Michael T. Konczal

Date

02/05/04

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231